ABSTRACT

The invention relates to a heat-resistant aluminum alloy for heat exchangers, a method for producing an aluminum strip or sheet for heat exchangers, and a corresponding aluminum strip or sheet. The aim of the invention is to provide an aluminum alloy and an aluminum strip or sheet which has a good recycling capacity, a Solidus temperature of at least 620° C., and an improved heat-resistance after welding. To this end, the inventive aluminum alloy comprises the following parts of alloy constituents in weight %: $0.3\% \leq Si \leq 1\%$, $Fe \leq 0.5\%$, $0.3\% \leq Cu \leq 0.7\%$, $1.1\% \leq Mn \leq 1.8\%$, $0.15\% \leq Mg \leq 0.6\%$, $0.01\% \leq Cr \leq 0.3\%$, $Zn \leq 0.10\%$, $Ti \leq 0.3\%$, unavoidable impurities separately representing a maximum of 0.1%, and together a maximum of 0.15%, the remainder being aluminum.